PEO EIS
PEO Enterprise Information Systems

Project Manager,
Transportation Information Systems

TC-AIMS II Fielding NMIB/Site Survey

Fort Richardson

19-23 Sep 2005

Presented by
Mr. Cliff Williams
Chief, ILS Operations

Purpose

- Conduct New Material In-briefings and site survey to overview TC-AIMS II training requirements and prerequisites, finalize the training schedule, and overview block one to two migration process.
- Validate the TC-AIMS II training distribution plan and proposed schedule
- Coordinate draft Memorandum of Agreement (MOA) and MOA completion schedule
- Schedule of activities leading to training and identifying outstanding issues and concerns
- Conduct workshops

Agenda

- Conduct Executive level NMIB Briefing
- Discuss System Specifics
- Discuss Training Requirements and Outline
- User Registration
- UAM Designation and Account Creation
- Block 1 to 2 Migration

Fort Richardson Site Survey Schedule

Date	Time	Activity	Personnel to Attend
Day 1 19 Sep	0800-1200	Fort Irwin Business Process review and NMIB Executive Briefing	ITO, Corps Trans Office, Corps G3/4, Div G3/4, Sep Bde S3/4, COSCM Staff, DOIM, CSS AMO
	1300-1400	Fielding and Data Migration Workshop Overview	ITO, USAR, NGB, Key AC units, and Force mod officer, G-3/4 reps, DOIM, CSS AMO,
Day 2 **20** Sep	0900-1200	Data Migration and Information Assurance Workshop	ITO, DOIM, Unit Account Managers, S-2s, G-3/4 reps
	1300-1700	Site Survey Working Group and MOA scrub	ITO, Force Mod, Local Command reps
Day 3 21 Sep	0800-1200	TIS JPMO visit to DL facilities, ATRRs coordinator and Force Mod Office	TIS Team
	1300-1700	MOA Scrub and Site Survey	ITO, Force Mod, Local Command reps
Day 4 22 Sep	0800-1200	Complete MOA Scrub and Site Survey	ITO, Force Mod, Local Command reps
	1300-1700	TIS JPMO visit to DOIM for communications and connectivity discussion	TIS Team , DOIM Staff, Force Mod,

PM Transportation Information Systems

TIS JPMO Focus

Mission:

Develop, field and support enterprise information systems for the joint defense deployment and transportation community

Near-Term Objective:

Evolve TC-AIMS II into a single integrated IT system running multiple deployment and transportation applications to achieve ITV and TAV for Joint Commanders

PM, Transportation Information Systems Programs

Joint Migration Systems

TC-AIMS II
(ACAT IAM)
Transportation Coordinators' - Automated Information for Movements System

AALPS
(ACAT IV)
Automated Airload Planning System

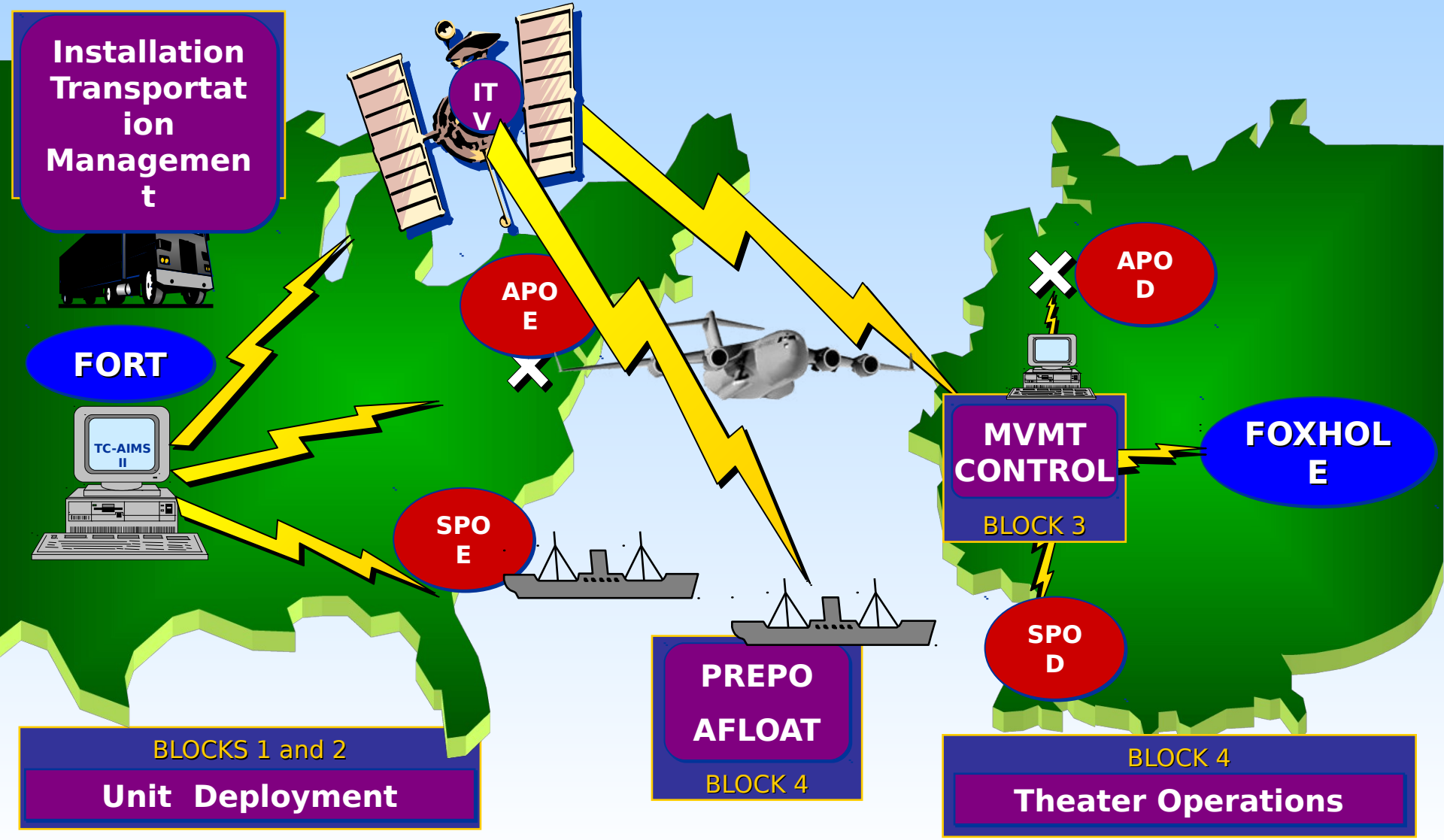
Army Legacy Systems

TC ACCIS
Transportation Coordinators Automated Command and Control Information System

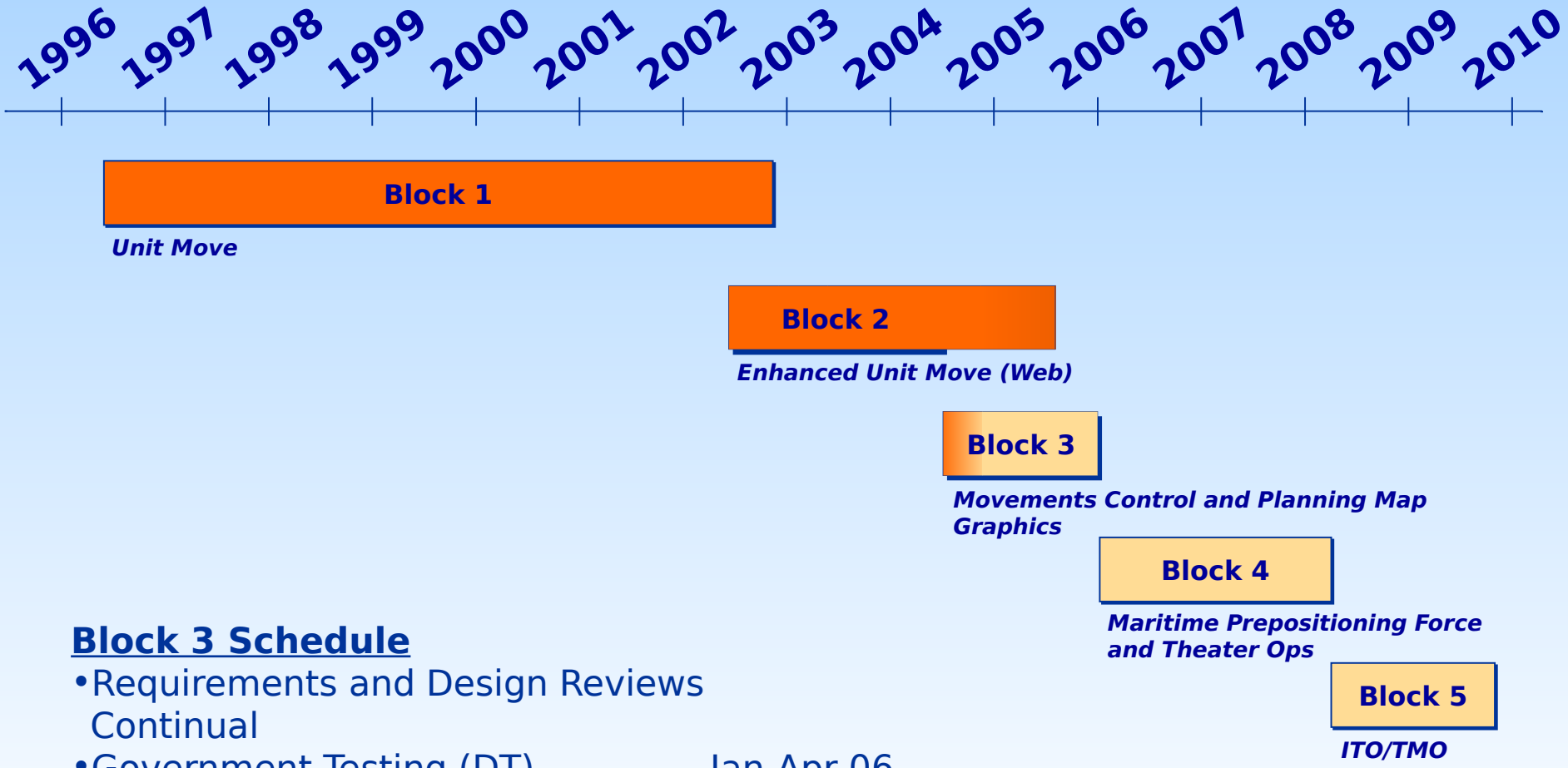
TIS-TO
Transportation Information System-
Theater Operations
(Web-based version of DAMMS-R)

Requirements and Acquisition Strategy

Operational View



TC-AIMS II Acquisition Structure
(Funded Across POM)



Block 3 Schedule

- Requirements and Design Reviews Continual
- Government Testing (DT) Jan-Apr 06
- Test and Evaluation (OT) Apr-Jun 06
- Milestone III (Fielding Decision) Pending

TC-AIMS II Unit Movement Capabilities

TC-AIMS II Functional Composition

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SUPPORT UNIT PLANNING

- Maintain equipment list
- Maintain personnel list
- Build unit deployment list
- Create movement plans
- Create convoy plan

PREPARE FOR MOVEMENT

- Label shipment unit
- Document hazardous cargo
- Containerize/palletize cargo
- Schedule movement

EXECUTE MOVEMENT

- Print movement documents
- Transmit ITV data
- Incheck arriving cargo
- Incheck arriving PAX
- Discrepancy reporting

INTERFACES

Unit Personnel | Load Planning | Transportation | Material Management | Planning | Visibility | Unit Assets

AIT

Linear Bar Code | Optical Memory Car | RFID | 2 Dimensional Bar Code | CAC Cards

JDL

MILSTAMP | Hazardous Cargo | Equipment Characteristics | Location

TC-AIMS II Interfaces

MANAGEMENT
- GTN (J)
- ITV Server (A)

LOAD PLANNING
- AALPS (J)
- CAEMS (MC)
- CALM (J)
- ICODES (J)

MATERIAL MANAGEMENT
- ATLASS (MC)
- ROLMS (MC)

UNIT ASSETS
- LOGMOD (AF)
- MDSS II (MC)
- NCFMIS (N)

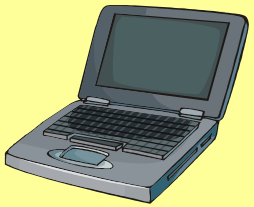
TRANSPORTATION
- GATES (J)
- CMOS (J)
- IBS (J)
- GFM-HOST (J)
- PowerTrack (J)
- TC ACCIS (A)
- WPS (J)

UNIT PERSONNEL
- eMILPO (A)
- ITAPDB (A)
- MANPER-B (AF)
- SIDPERS III (A)
- UD/MIPS (MC)

PLANNING
- COMPASS (A)
- JFRG II (J)
- MAGTF II (MC)
- SAAM (J)

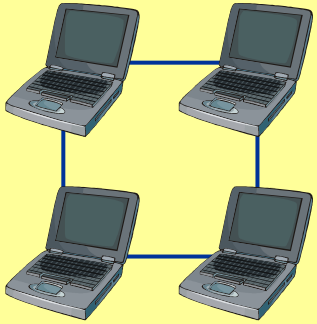
Scaleable System

BLOCK 1



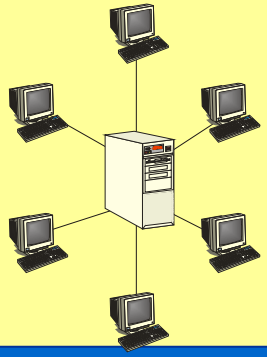
Standalone

- Supports user with limited or no network connectivity
- All TC-AIMS II components are installed on user's machine including the database and application
- Data can be exported to a flat file and shared with other TC-AIMS II databases
- Iridium satellite connectivity to global networks



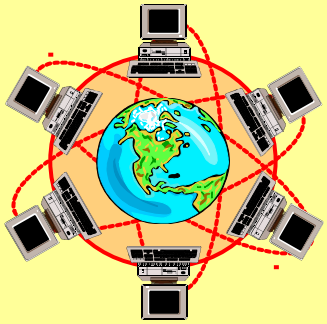
Workgroup

- TC-AIMS II machines connected as a workgroup supports client/server or standalone operations
- Any machine with the database can be the server
- Any machine with the application can be a client
- Supports occasional connection to the tactical network for external system communications



Client/Server

- Supports users with network connectivity
- Each machine on the network is considered a client or a server
- Server machines typically contain only the TC-AIMS II database
- Client machines typically contain only the application and other system components



Web Enabled

- Enterprise System
- Co-hosted applications: TC-AIMS II, AALPS, ICODES, TIS-TO and DS2T
- Server consolidation
- Joint Transportation Reference Information Portal (JTRIP) for data services
- Enhanced context sensitive help

BLOCK 2

TC-AIMS II Information Assurance

Information Assurance

- System accredited as sensitive but unclassified
- Has certificate of network worthiness
- Generic SOP for local adaptation
- Requires local administration of user TIS accounts
- ACERT process
  - TIS will test and post results on web site https://www.tis.army.mil/help.htm
  - Local SA will apply to local boxes
  - TIS will apply to enterprise

Key Players in Local User Account Management

User Account

To positively identify users; create TIS accounts; create user application profiles; and manage user accounts for a defined set of units (UICs)

- Meet IT Category II requirements verified by IASO
- Roles/responsibilities verified by unit commander
- Positive Identification performed by TIS fielding team during NMIB/Site Survey
- Attend Information Assurance workshop during NMIB/Site Survey

Unit Commander

(or designee) of specific military unit that can authorize access to TIS application and verify roles/responsibilities for access and use of unit data within TIS applications

User Qualifications

- Meet IT Category III requirements verified by IASO
- Roles/responsibilities verified by unit commander
- Positive identification performed by local administrator

Position Category	Civilian	Military	Contractor	Non-U.S. Citizen*
IT-I (SA/IA)	SSBI	SSBI	SSBI	SSBI, if approval granted
IT-II (SA/DBA)	NACI	NACLC	NACLC	NACLC
IT-III (Users)	NACI	NAC	NAC	NAC

UNIT ACCOUNT MANAGER (UAM) RESPONSIBILITIES

- UAMs should be designated by each brigade (or higher) before the New Material Introductory Brief (NMIB)
- UAMs must be appointed in writing by an 0-6 Commander (This memo needs to be submitted to the TIS helpdesk)
- UAMs are invited to attend the Information Assurance (IA) Workshop that occurs during the NMIB / Site Survey
- UAMs must submit a VAR and an account creation form for each student prior to training (Students without accounts will not be able to attend training)
- UAMs are key to training during fielding and when TC-AIMS II becomes the system of record

https://www.tis.army/ Library/ Fielding Documents

TC-AIMS II Basis of Issue Plan and System Support

TC-AIMS II Typical Unit Move Hardware Distribution

Interrogator Set
J99233 AN/TYQ-95

Work Station
C27435 AN/TYQ-129(V)2

Server
C27367 AN/TYQ-129(V) 1

Label Printers
(Desktop and Portable)

RF Interrogator

Laser Printer w/ each Workstation

8146 Portable Data Terminal

TC-AIMS II Workstation
(with Laser Printer)

TC-AIMS II Server
(Transportation and Logistics Units only)

Separate Company

Company HQ

w/Printer

Battalion Level

S-3

w/Printer

S-4

w/Printer

Brigade Level and Higher

S-3

w/Printer

S-4

w/Printer

HHC

w/Printer

Training

Block 2 Training Courses

- Level 1 User Courses
  - 9 training days per class
  - 20 students per class
  - Unit Movement Officers
- Level 2 TC-AIMS II User Course
  - 9 training days per class
  - 20 students per class
  - Battalion, Brigade, and ITO unit movement coordinators
- SA/DBA Course
  - 5 training days per class
  - Max. 10 students per class

Level 1 Course Overview

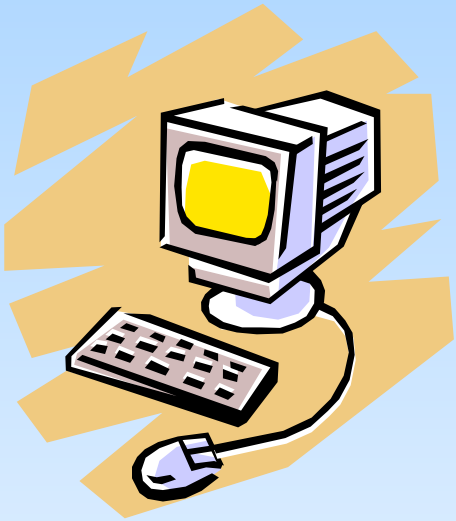
- Course will train basic TC-AIMS II concepts for:
  - Fundamentals of Deployment
  - Maintaining unit equipment and personnel assets
  - Creating Unit Deployment List for TPFDD and non-TPFDD movements
  - Using AIT to create movement documentation
- Course focus areas:
  - Using TC-AIMS II as a tool to facilitate the business process defined by FORSCOM and DPMO
  - Data quality and accuracy
    - Reviewing data at various points in the deployment process
    - Practical exercise for Asset Management using unit data aka data completion

Level 2 Course Overview

- **Course will train basic TC-AIMS II concepts for:**
  - Fundamentals of Deployment
  - Creating and executing movement plans for TPFDD and non-TPFDD movements
  - Using AIT to create movement documentation
  - Processing imports and exports from other systems
  - Reviewing movement data during the deployment process
- **Course focus areas:**
  - Using TC-AIMS II as a tool to facilitate the business process defined by FORSCOM and DPMO
  - Data quality and accuracy reviews

Interactive Multi-Media Training Approach

- Multimedia Training
  - Provides hands-on, self-paced, online training
  - May be accessed from the application via help facilities or in a standalone mode
  - Used as a refresher for trained operators
  - Can be used for new operator under direction of trained supervisor



Scenario Based Training

- Provides a collective training exercise for users to work in their respective roles with the installation or area business process with JPMO provided SMT's as exercise leaders and mentors
- Intended to train key users on how to conduct their own collective training
- Provides the installation to validate its intended deployment process
- Includes a scenario, procedures, checklists and descriptive information to exercise the pre-deployment, deployment, and re-deployment of a Brigade size element

SBTE Planning Process

- **Phase 1: Business Process Tailoring (-180 to -150 days)**
  - Business Process Tailoring Workshop
  - UAM Designation
  - Task allocation matrix (Roles and Permissions)
  - TTPs describing task
- **Phase 2: SBTE Development (-90 to -30 days)**
  - MSELs developed to Business Process
  - UIC selection for exercise
  - Scenario, OPORD, and TPFDD developed against selected UICs and defined Business Process
- **Phase 3: Implementation (-30 to +30 days)**
  - User accounts completed
  - Data Completion activities completed
  - Conduct SBTE
  - Lessons learned, Business Process Revisions
  - Hand-off of SBTE package to installation

Scenario Based Training Participants

SBT Participant	# Players	Role Players	Unit
ITO	3	OPS, FREIGHT, ADACG	
CORPS HQS	1	SUPPORTING HQS	
COSCOM HQS	1	SUPPORTING HQS	
COSCOM BN	1	SUPPORTING HQS	
COSCOM UNIT	1	DEPLOYING UNIT	
COSCOM MCT (PORT)	1	DEPLOYING UNIT	
CORPS SEP HQS	1	SUPPORTING HQS	
CORPS SEP BN	1	DEPLOYING UNIT	
CO OF CORPS SEP BN	1	DEPLOYING UNIT	
DIV HQS	1	SUPPORTING HQS	
DIV BDE	1	DEPLOYING UNIT	
DIV BN	1	DEPLOYING UNIT	
DIV CO	2	DEPLOYING UNIT	
USAR RRC	1	SUPPORTING HQS	
USAR UNIT	1	DEPLOYING UNIT	
NCARNG STARC	1	SUPPORTING HQS	
NCARNG UNIT	1	DEPLOYING UNIT	

Specific units to be coordinated during NMIB/Site Survey

On-line Training Administration

Army Training Requirements and Resources System (ATRRS)

School code: 026

School name: Transportation Information School

Why ATRRS?

- Early determination for changes to training schedules based on student load
- Provide a record that commanders can review to determine who has been TC-AIMS II trained
- Verify student training attendance for calculating promotion points
- Increase attendance from the 30% to 50% levels that occurred with registration at the local level

➢ Provides course information, including training requirements

- Manages class schedule
- Allocates class quotas
- Makes seat reservations
- Records student attendance

Specific class quotas to be determined during site survey

ATRRS Registration Standards

- **<u>60 Days</u>** prior to class start - **classes 30% filled and VARs documentation received**
  - If not, notice from TIS training coordinator to POC's
- **<u>45 Days</u>** prior to class start – **classes 50% filled and VARs documentation received**
  - If not, notice from TIS training coordinator identifying potential consolidations or cancellations
- **<u>30 Days</u>** prior to class start – **1st months classes 70% filled with 100% registered students having TIS User accounts requested and VARs documentation received**
  - If not, notice from TIS training coordinator identifying consolidations and cancellations
- **<u>30 Days</u>** prior to subsequent class start – **classes 70% filled with 100% registered students having TIS User accounts requested and VARs documentation received**

Preliminary Training Allocation

Draft

	CSS AMO Trng	SA/DBA Course	Level 1 and 2 Course
Block 2 Training	1	1	1/1
Active Compo	10	1	27
USAR			
ARNG			
Total Students			
Total Classes	1	1	2

Requires 3 Traditional classrooms

TC-AIMS II Fielding Process

Typical Fielding Process

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Week 1	Week 2	Week 3	Week 4
SA/DBA	SA/DBA	SA/DBA	SA/DBA
User Course	User Course		

T R A I N I N G

DATA CONVERSION TEAM

TC-ACCIS

Equipment Data

ITO

Emilpo

Personnel Data

UIC Files

Organize by Chain of Command and Server

Server

ISSUE EQUIPMENT

INSTALLATION

SBT

INSTALLATION TEAM

Ship From Vendor

Laptops

Server

AIT

Verify Equipment

BN BN BN

S3 S4 S3 S4 S3 S4

Companies Companies Companies

PBO-UMO/UMC-HazMat-SIDPERS

Fielding Planning Process

Actions Between Now/Training

- Coordinate MOA
- Designate Unit Account Managers
- Request User Accounts
- Finalize training requirements and training plan
- Register students in ATRRS
- Establish and verify User accounts
- Develop FRAGO for training, local server data scrub, and data migration timeline

Calendar of Events

Action	Start Date	End Date
NMIB Prep packet distributed	15 Sep 2005	N/A
Staff draft MOA before NMIB	26 Sep 2005	1 Dec 2005
Installation NMIB/Survey	19 Sep 2005	23 Sep 2005
Designate/Appoint Unit Account Managers	1 Oct 2005	1 Mar 2006
Finalize MOA	2 Dec 2005	1 Feb 2006
New Equipment Order Submitted	100 days prior	RDD
Training Classes in ATRRS	90 days prior	N/A
Initial Student ATRRS registration, Account request submittal, VARs submittal (security screening)	60 days prior	30 days prior
FRAGO receipt from Installation	TBD	N/A
Hardware Required Delivery date (training equipment)	RDD	N/A
Initial Equipment Set up and Testing	TBD	TBD
Obtain Fort Richardson Deployment Business Process	TBD	N/A
SA/DBA Training	TBD	TBD
Level 1 and 2 Training Course	TBD	TBD
Migration and Configuration Training (CSS/AMO & SAs)	TBD	TBD
Installation Server Data Scrub Complete	TBD	TBD
Data Migration Date	TBD	TBD
Fielding Complete and Close out	TBD	TBD

TIS Key Personnel

https://www.tis.army.mil/

Project Manager

Mr. Robert Morris (703) 752-0755

Deputy Project Manager

Mr. Lee DeArmond (703) 752-0756

Technical Directorate

Ms. Jean Price (703) 752-0775

Director of Business Management

Ms. Linda Young (703) 752-0758

Director of Integrated Logistics Support and Fielding

Mr. Doug Garrell (703) 752-0759

Deputy Director of Integrated Logistics Support and Fielding

Greg Gibson (703) 752-0763

Service Functional Experts

Mr. Bill Dunn (USA) (703) 752-0854

Vacant (USMC)

Vacant (USN)

MAJ Joseph Yates (USAF) (703) 752-0847

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